

EXHIBIT 41

Cisco Systems, Inc. v. Arista Networks, Inc.
Cisco's Eighth Supplemental Response to Interrogatory No. 16 and Response to Interrogatory No. 19
April 3, 2016

AMENDED EXHIBIT F

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------------|--------------------------------------|--|--|-------------------------------|--------------------------------|
| aaa accounting | Cisco / David Carrel | Source Code (aaa_authentication.cvs_103_alaska.cfg_authentication.h.ann) | November 15, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| aaa accounting dot1x | Cisco / Michael Vowles | Source code (aaa_accounting_dot1x.clearcase.main.haw_t.haw_t_pi5_itd1.1.cfg_accounting.h.ann) | March 29, 2006 | Cisco IOS 12.4(11)T | November 2006 |
| aaa authentication login | Cisco / David Carrel | Source Code (aaa_authentication.cvs_103_alaska.cfg_authentication.h.ann) | November 15, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| aaa authorization config-commands | Cisco / Jan Vilhuber | BugID CSCdi36536 (CSI-CLI-01542001-02) | December 10, 1996 | Cisco IOS 11.2 | October 1996 |
| aaa authorization console | Cisco / Jihad Sabra | BugID CSCdi82030 (CSI-CLI-01339859, CSI-CLI091339802-04) | July 15, 1999 | Cisco IOS 12.0(6)T | September 20, 1999 |
| aaa group server radius | Cisco / Jan Vilhuber | ENG-23793 rev. A (CSI-CLI-00609048-53) | May 5, 1998 | Cisco IOS 12.0(5)T | July 27, 1999 |
| aaa group server tacacs+ | Cisco / Jan Vilhuber | ENG-23793 rev. A (CSI-CLI-00609048-53) | May 5, 1998 | Cisco IOS 12.0(5)T | July 27, 1999 |
| address-family | Cisco / Dan Tappan | ENG-29568 Rev. A (CSI-CLI-00609199-208) | March 1, 1998 | Cisco IOS 12.0(5)T | July 27, 1999 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| aggregate-address | Cisco / Paul Traina | Source Code (aggregate-address.921.1.copyout.cfg_router_aggregate_addr.h) | December 2, 1993 | Cisco IOS 10 | 1993 |
| area default-cost | Cisco / David Hampton | Source Code (area_default-cost.921.1.copyout.cfg_router_area.h) | March 9, 1992 | Cisco IOS 10 | 1993 |
| area default-cost (OSPFv3) | Cisco / Ilse Van Hoeck | Email (CSI -CLI-00608702-03) | June 25, 2002 | NX-OS 4.0(1) | April 21, 2008 |
| area nssa | Cisco / Derek Yeung | ENG-7864 (CSI-CLI-000608753-56) | April 5, 1996 | Cisco IOS 10 | 1993 |
| area nssa (OSPFv3) | Cisco / Hasmit Grover | Source Code (ospfv3.cmds.ann) | November 7, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| area nssa default-information-originate | Cisco / Derek Yeung | ENG-7864 (CSI-CLI-000608753-56) | April 5, 1996 | Cisco IOS 10 | 1993 |
| area nssa default-information-originate (OSPFv3) | Cisco / Hasmit Grover | Source Code (ospfv3.cmds.ann) | November 7, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| area nssa no-summary | Cisco / Atif Khan | Bug No. CSCdi69302 (CSI-CLI-01339832, 01339857) | September 16, 1996 | Cisco IOS 10 | 1993 |
| area nssa translate type7 always | Cisco / Anton Smirnov | Cisco IOS 12.2(15)T | March 17, 2003 | Cisco IOS 12.2(15)T | March 17, 2003 |
| area nssa translate type7 always (OSPFv3) | Cisco / Anton Smirnov | Cisco IOS 12.2(15)T | March 17, 2003 | NX-OS 4.0(1) | April 21, 2008 |
| area range | Cisco / Robert Widmer | Source Code (area_default-cost.921.1.copyout.cfg_router_area.h) | June 14, 1992 | Cisco IOS 10 | 1993 |
| area range (OSPFv3) | Cisco / Hasmit Grover | Source Code (ospfv3.cmds.ann) | November 7, 2005 | NX-OS 4.0(1) | April 21, 2008 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---------------------------------|------------------------------------|---|---------------------------------|------------------------|-------------------------|
| area stub | Cisco / Robert Widmer | Source Code (area_default-cost.921.1.copyout.cfg_router_area.h) | June 14, 1992 | Cisco IOS 10 | 1993 |
| area stub (OSPFv3) | Cisco / Hasmit Grover | Source Code (ospfv3.cmds.ann) | November 7, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| arp timeout | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| banner login | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| banner motd | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| bfd all-interfaces | Cisco / Abhay Roy | EDCS-373194 v. 2 (CSI-CLI-00610410-420) | May 26, 2004 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| bgp client-to-client reflection | Cisco / Ravishankar Chandrasekaran | Source Code (bgp_client-to-client_reflection.CVS_103_alaska.cfg_router_bgp.h.ann), BugID CSCdi36969 | July 12, 1995 | Cisco IOS 11.1 | March 1996 |
| bgp cluster-id | Cisco / Ravishankar Chandrasekaran | Source Code (bgp_client-to-client_reflection.CVS_103_alaska.cfg_router_bgp.h.ann) | June 30, 1995 | Cisco IOS 11 | September 18, 1995 |
| bgp confederation identifier | Cisco / Paul Traina | Source Code (bgp_client-to-client_reflection.CVS_103_alaska.cfg_router_bgp.h.ann) | February 16, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| bgp confederation peers | Cisco / Paul Traina | Source Code (bgp_client-to-client_reflection.CVS_103_alaska.cfg_router_bgp.h.ann) | February 16, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| bgp listen limit | Cisco / Satish Mynam | Email (CSI -CLI-00608738) | February 12, 2007 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| bgp log-neighbor-changes | Cisco / Enke Chen | Source Code (cfg_router_bgp) | May 29, 1998 | Cisco IOS 11.1CC | November 30, 1998 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| bgp redistribute internal | Cisco / Paul Traina | Source Code (bgp_client-to-client_reflection.CVS_103_alaska.cfg_router_bgp.h.ann) | March 9, 1994 | Cisco IOS 12.1 | March 30, 2000 |
| boot system | Cisco / Kirk Lougheed | AGS User Manual v6.0 (CSI-CLI -00358166) | March 12, 1987 | ASM/AGS 6 | May 28, 1987 |
| channel-group | Cisco / Ronnie Kon | BugID CSCdi18116 (CSI-CLI-01339840 , CSI-CLI-01339867), Source Code (channel-group.CVS_100_nac0.cfg_ctrlr_t1.h.ann) | March 11, 1994 | Cisco IOS 11.3MA | February 1998 |
| class-map type control-plane | Cisco / Arun Kumar B. | Source Code (copp_cli.cmd.ann) | September 24, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| clear arp-cache | Cisco / Kirk Lougheed | ASM/AGS User Manual v 5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| clear counters | Cisco / Joel Bion | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| clear ip arp | Cisco | NX-OS 4.0(1) | April 21, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| clear ip bgp | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| clear ip igmp group | Cisco / Dino Farinacci | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| clear ip mfib fastdrop | Cisco / Hugh Holbrook | BugID CSCdw11255 (CSI -CLI-01339876, CSI -CLI-01339847) | December 3, 2001 | Cisco IOS 12.1(8a)EW | January 16, 2002 |
| clear ip mroute | Cisco / Dino Farinacci | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| clear ip msdp sa-cache | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| clear ip nat translation | Cisco / Andy Heffernan | Email (CSI-CLI-00608588-90) | April 9, 1996 | Cisco IOS 11.2 | October 1996 |
| clear ip ospf neighbor | Cisco / Eun Kim | Bug ID CSCdj70820 (CSI -CLI-02047939, CSI-CLI-02047941] | March 1996 | Cisco IOS 11.1 | March 1996 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------------------|------------------------------------|--|---------------------------------|------------------------|-------------------------|
| clear ipv6 neighbors | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| clear ipv6 ospf force-spf | Cisco / Alun Evans, George Millard | Source Code (main/flo_t/itd_flo_t_pi4/noggin/graculus/6) | October 9, 2002 | Cisco IOS 12.0(24)S | August 26, 2003 |
| clear lldp counters | Cisco / Devadas Patil | Email (CSI -CLI-00608734-37), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| clear lldp table | Cisco / Devadas Patil | Email (CSI -CLI-00608734-37), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| clear mac-address-table dynamic | Cisco / Alan Liebthal | Email (CSI -CLI-00608618-21) | May 19, 1998 | Cisco IOS 12.2(2)XT | December 3, 2001 |
| clear spanning-tree counters | Cisco / François Tallet | ENG-103148 v. 8 (CSI -CLI-00609986) | April 10, 2002 | NX-OS 4 | April 3, 2008 |
| clock set | Cisco / Ronnie Kon | Source Code (clock_set.trunk_nac0_cvs_repo.CVS_repo_file.exec_clock.h,v) | January 15, 1994 | Cisco IOS 10 | 1993 |
| clock timezone | Cisco / Ronnie Kon | Source Code (clock_timezone.trunk_nac0_cvs_repo_CVS_repo_file.cfg_clock.h,v) | January 15, 1994 | Cisco IOS 10 | 1993 |
| control-plane | Cisco / Rajiv Raghunarayan | Email (CSI-CLI-00777705-06), EDCS-216047 v. 4 (CSI-CLI-00610197) | September 18, 2002 | Cisco IOS 12.2(18)S | August 21, 2003 |
| default-information originate (OSPF) | Cisco / Anthony Li | Source Code (default-information_originate.nac0_cvs_repo.CVS_repo_file.route3.c,v) | March 27, 1992 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--|---------------------------------|--|---------------------------------|------------------------|-------------------------|
| default-information originate (OSPFv3) | Cisco / Ilse Van Hoeck | Email (CSI -CLI-00608702-03) | June 25, 2002 | Cisco IOS 15.1(3)S | July 25, 2011 |
| default-metric (OSPF) | Cisco | Gateway Server Reference Manual Rev. B (CSI-CLI-00358722) | January 10, 1988 | Cisco IOS 10 | 1993 |
| default-metric (OSPFv3) | Cisco / Ilse Van Hoeck | Email (CSI -CLI-00608702-03) | June 25, 2002 | Cisco IOS 12.2(15)T | March 17, 2003 |
| distance bgp | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| domain-id | Cisco / Vince Deters | ENG-48920 v3 (CSI-CLI-00609291-99) | December 16, 1999 | Cisco IOS 12.1(5)T | October 3, 2000 |
| dot1x max-reauth-req | Cisco / Mandeep Rohilla | Source Code (dot1x_max-reauth-req.clearcase.main.sugarbowl.1.cfg_if_dot1x_auth.h.a nn) | June 30, 2004 | Cisco IOS 12.2(18)SE | February 2004 |
| dot1x pae authenticator | Cisco / Mandeep Rohilla | Email (CSI -CLI-00608712-13) | February 3, 2004 | Cisco IOS 12.3(11)T | September 20, 2004 |
| dot1x port-control | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608680-81) | May 21, 2001 | Cisco IOS 12.1(6)EA2 | December 19, 2001 |
| dot1x reauthentication | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608680-81) | May 21, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| dot1x system-auth-control | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608680-81) | May 21, 2001 | Cisco IOS 12.3(2)XA | August 11, 2003 |
| dot1x timeout quiet-period | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608682-83) | May 22, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| dot1x timeout reauth-period | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608684-87) | May 24, 2001 | Cisco IOS 12.2(25)SEC | May 3, 2006 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------------|--|--|---------------------------------|------------------------|-------------------------|
| dot1x timeout tx-period | Cisco / V.N. Ramesh Ponnappalli | Email (CSI -CLI-00608682-83) | May 22, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| enable secret | Cisco / David Carrel | ENG-4972 (CSI -CLI-00608741-42) | March 6, 1995 | Cisco IOS 11 | September 18, 1995 |
| erase startup config | Cisco / Andrew Heffernan | Bug CSCdi28475 (CSI-CLI-1339838, 1339869) | January 11, 1995 | Cisco IOS 11 | September 18, 1995 |
| errdisable detect cause link-flap | Cisco / Narendranath Mididaddi | Source Code (cfg_errdisable.h.ann) | April 14, 2003 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| errdisable recovery cause | Cisco / Narendranath Mididaddi | Email (CSI -CLI-00608662) | January 13, 2000 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| errdisable recovery interval | Cisco / Narendranath Mididaddi | Email (CSI -CLI-00608662) | January 13, 2000 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| flowcontrol receive | Cisco / Frederick Scott | BugID CSCdp10173 (CSI-CLI-01845681) | October 11, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| flowcontrol send | Cisco / Frederick Scott | BugID CSCdp10173 (CSI-CLI-01845681) | October 11, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| interface ethernet | Cisco / Kirk Lougheed | ASM Reference Manual v6.0 (CSI-CLI-00358394) | April 9, 1987 | NX-OS 4 | April 3, 2008 |
| interface loopback | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| interface port-channel | Cisco / Ravi Varanasi | Email (CSI -CLI-00608593-95) | July 10, 1997 | Cisco IOS 11.1CA | December 3, 1998 |
| interface vlan | Cisco / Carl Schaefer | Email (CSI -CLI-00608592) | January 15, 1997 | Cisco IOS 11.3(5)T | August 13, 1998 |
| ip access-group | Cisco / Kirk Lougheed, Gregory Christy | ENG-7363 (CSI -CLI-00608751-52) | February 28, 1996 | Release 7.0/7.1 | April 24, 1989 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------------|--------------------------------------|---|---------------------------------|--------------------------|-------------------------|
| ip access-list | Cisco / Kirk Lougheed | Cisco IOS 11.2 | October 1996 | Cisco IOS 11.2 | October 1996 |
| ip access-list standard | Cisco | Cisco IOS 11.2 | October 1996 | Cisco IOS 11.2 | October 1996 |
| ip address | Cisco / Kirk Lougheed | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| ip as-path access-list | Cisco / David Hampton | Source Code (ip_as-path_access-list.CVS_100.cfg_ip_as-path_access-list.h.ann) | October 7, 1993 | Cisco IOS 10 | 1993 |
| ip community-list expanded | Cisco / Rex Fernando | Cisco IOS 10.3 | April 13, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| ip community-list standard | Cisco / Rex Fernando | Cisco IOS 10.3 | April 13, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| ip dhcp smart-relay | Cisco / Jayadev Kumarasamy | Source Code (cfg_ip_dhcp.h.ann) | June 23, 2000 | Cisco IOS 12.1 | March 30, 2000 |
| ip dhcp smart-relay global | Cisco / Raghunatha Reddy P. | Source Code (dhcp_snoop.cmd.521.ann), EDCS-868881 v. 1 (CSI-CLI-00612102-18) | May 12, 2010 | NX-OS 5.2(1) | July 29, 2011 |
| ip dhcp snooping | Cisco / Dehua Huang, Adam Sweeney | EDCS-194356 rev. A (CSI-CLI-00610016-27) | April 29, 2002 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| ip dhcp snooping information option | Cisco / Dehua Huang, Adam Sweeney | EDCS-194356 rev. A CSI-CLI-00610016-27) | April 29, 2002 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| ip dhcp snooping vlan | Cisco / Dehua Huang, Adam Sweeney | EDCS-194356 rev. A CSI-CLI-00610016-27) | April 29, 2002 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| ip domain lookup | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| ip domain-name | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------------|-------------------------------|--|---------------------------------|--------------------------|-------------------------|
| ip extcommunity-list expanded | Cisco / Robert Albrightson | Source Code (ip_extcommunity-list_extended.clearcase_main_ricarls_123t_pi5_1.cfg_ip_extcommunity-list.h) | March 30, 2000 | Cisco IOS 12.1 | March 30, 2000 |
| ip extcommunity-list standard | Cisco / Rex Fernando | Source Code (ip_extcommunity-list_extended.clearcase_main_ricarls_123t_pi5_1.cfg_ip_extcommunity-list.h) | March 30, 2000 | Cisco IOS 12.1 | March 30, 2000 |
| ip helper-address | Cisco / Kirk Lougheed | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| ip host | Cisco / Kirk Lougheed | Gateway Server 8.0 Release Note (CSI-CLI-01316213) | November 7, 1989 | Release 8.0 | November 7, 1989 |
| ip http client source-interface | Cisco / Anand Iyer | Source Code (ip_http_client_source-interface.clearcase_main_flo_t_pi6_elmo_2.cfg_ip_http_client.ann) | November 4, 2002 | Cisco IOS 12.3(7)T | March 1, 2004 |
| ip icmp redirect | Cisco / Jorge Serpa | Email (CSI -CLI-00608638) | January 6, 1999 | Cisco IOS 12 | September 1998 |
| ip igmp last-member-query-count | Cisco / Padmini Misra | Source Code (ip_igmp_last-member-query-count.clearcase_main_florida_11.cfg_int_ip_igmp.h) | March 30, 2000 | Cisco IOS 12.1 | March 30, 2000 |
| ip igmp last-member-query-interval | Cisco / Liming Wei | Email (CSI -CLI-00608660) | May 17, 1999 | Cisco IOS 12.1 | March 30, 2000 |
| ip igmp query-interval | Cisco / Dino Farinacci | Source Code (ip_igmp_query-interval.trunk_102_nac1_alabama_cvs_repo.cfg_int_ip_igmp.h.ann) | June 24, 1994 | Cisco IOS 10.2 | October 4, 1994 |
| ip igmp query-max-response-time | Cisco / Manoj Leelanivas | Source Code (cfg_int_ip_igmp.h.ann) | March 1996 | Cisco IOS 11.1 | March 1996 |
| ip igmp snooping | Cisco / Ken Smith | Email (CSI -CLI-00608631-37), Source Code (row_222.flo_t.cfg_igmp_snoop_eswilp.h.ann) | January 4, 1999 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---------------------------------------|--|---|---------------------------------|--------------------------|-------------------------|
| ip igmp snooping querier | Cisco / Sabrina Pittarel | Source Code (cfg_int_igmp_extend.h.ann) | December 20, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| ip igmp snooping vlan | Cisco / Senthil Arunachalam | Email (CSI -CLI-00608673-74) | August 2, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |
| ip igmp snooping vlan immediate-leave | Cisco / Senthil Arunachalam, Toerless Eckert | Email (CSI -CLI-00759654-55) | September 11, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |
| ip igmp snooping vlan mrouter | Cisco / Senthil Arunachalam | Email (CSI -CLI-00608673-74) | August 2, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |
| ip igmp snooping vlan static | Cisco / Senthil Arunachalam | Email (CSI -CLI-00608673-74) | August 2, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |
| ip igmp startup-query-count | Cisco / Raghava Sivaramu | Source Code (igmp.cmds.ann) | February 11, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| ip igmp startup-query-interval | Cisco / Raghava Sivaramu | Source Code (igmp.cmds.ann) | February 11, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| ip igmp static-group | Cisco / Manoj Leelanivas | Source Code (cfg_int_ip_igmp.h.ann) | January 19, 1997 | Cisco IOS 11.2 | October 1996 |
| ip igmp version | Cisco / John Zwiebel | Source Code (cfg_int_ip_igmp.h.ann) | March 1996 | Cisco IOS 11.1 | March 1996 |
| ip load-sharing | Cisco / Anthony Li | Email (CSI-CLI-00608586) | January 19, 1996 | Cisco IOS 11.2GS | July 17, 1998 |
| ip local-proxy-arp | Cisco / Ramesh Santhanakrishnan | BugID CSCdr14606 (CSI-CLI-01845683) | March 13, 2001 | Cisco IOS 12.1(5c)EX | March 13, 2001 |
| ip msdp cache-sa-state | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| ip msdp default-peer | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp description | Cisco / Ishan Wu | Email (CSI-CLI-00608659) | March 3, 1999 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp group-limit | Cisco / Nataraj Bacthu | Source Code (msdp.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| ip msdp keepalive | Cisco / Ishan Wu | BugID CSCdu33247 (CSI-CLI-01845687) | June 27, 2001 | Cisco IOS 12.1(8a)E4 | September 5, 2001 |
| ip msdp mesh-group | Cisco / Dino Farinacci | Source Code (msdp.cmds.ann) | December 13, 1999 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp originator-id | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp peer | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp sa-filter in | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp sa-filter out | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp sa-limit | Cisco / Ishan Wu | BugID CSCdt19258 (CSI-CLI-01845685) | January 22, 2001 | Cisco IOS 12.1(7) | January 30, 2001 |
| ip msdp shutdown | Cisco / Ishan Wu | Email (CSI-CLI-00608659) | March 3, 1999 | Cisco IOS 12.0(7)T | December 13, 1999 |
| ip msdp timer | Cisco / Ishan Wu | Source Code (ip_msdp_timer.clearcase_main_florida_3.cfg_ip_msdp.h.ann) | July 6, 2001 | Cisco IOS 12.1(8a)E4 | September 5, 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| ip multicast boundary | Cisco / Toerless Eckert | Cisco IOS 11.1 | March 1996 | Cisco IOS 11.1 | March 1996 |
| ip multicast-routing | Cisco / Dino Farinacci | Source Code (ip_multicast-routing.CVS_103_alaska_pull.cfg_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| ip name-server | Cisco / Kirk Lougheed | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Release 8.0 | September 14, 1989 |
| ip nat pool | Cisco / Andy Heffernan | Email (CSI-CLI-00608588-90) | April 9, 1996 | Cisco IOS 11.2 | October 1996 |
| ip nat translation tcp-timeout | Cisco / Andy Heffernan | Email (CSI-CLI-00608588-90) | April 9, 1996 | Cisco IOS 11.2 | October 1996 |
| ip nat translation udp-timeout | Cisco / Andy Heffernan | Email (CSI-CLI-00608588-90) | April 9, 1996 | Cisco IOS 11.2 | October 1996 |
| ip ospf authentication | Cisco / Abhay Roy | BigID CSCdk33792 (CSI-CLI-01845672) | March 2, 2000 | Cisco IOS 12 | September 1998 |
| ip ospf authentication-key | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Cisco IOS 10 | 1993 |
| ip ospf bfd | Cisco / Abhay Roy | EDCS-373194 v. 1 (CSI-CLI-00610401-09) | May 1, 2004 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| ip ospf cost | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip ospf dead-interval | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip ospf hello-interval | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip ospf message-digest-key | Cisco / Anthony Li | Source Code (cfg_int_ip_ospf.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| ip ospf name-lookup | Cisco / Anthony Li | BugID CSCdi36508 (CSI -CLI-01339849, CSI -CLI-01339861) , Source Code (ip_ospf_name-lookup.CVS_110_arizona_repo.cfg_ip_routing_ospf.h.ann) | July 1, 1995 | Cisco IOS 10 | 1993 |
| ip ospf network | Cisco / Robert Widmer | Source Code (ip_ospf_network.921.1.copyout.cfg_int_ip_ospf.h) | May 10, 1993 | Cisco IOS 10 | 1993 |
| ip ospf priority | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip ospf retransmit-interval | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip ospf shutdown | Cisco / Shubhra Bhargava | EDCS-315091 v5 (CSI -CLI-00610502) | September 19, 2006 | Cisco IOS 12.2(33)SRC | January 14, 2008 |
| ip ospf transmit-delay | Cisco / David Hampton | Source code (ip_ospf_authentication-key.91.1.CVS_copyout.ospf_parse.c) | March 3, 1992 | Release 9.0 | 1992 |
| ip pim anycast-rp | Cisco / Nataraj Bacthu | Source Code (pim.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| ip pim bfd | Cisco / Deepak Dayama | Source Code (pim_bfd.cmds.503.ann) | November 11, 2009 | NX-OS 5.0(2) | May 24, 2010 |
| ip pim bfd-instance | Cisco / Nataraj Bacthu | Source Code (pim_bfd.cmds.503.ann) | March 1, 2010 | NX-OS 5.0(2) | May 24, 2010 |
| ip pim bsr-border | Cisco / Ishan Wu | Source Code (connecticut_cfg_int_ip_pim.h.ann) | October 13, 1999 | Cisco IOS 11.3T | December 15, 1997 |
| ip pim bsr-candidate | Cisco / Liming Wei | ENG-12945 (CSI-CLI-00608891-99) | April 3, 1997 | Cisco IOS 11.3T | December 15, 1997 |
| ip pim dr-priority | Cisco / Dino Farinacci | Source Code (ip_pim_dr-priority.clearcase.main.connecticut.bidir120t.1.cfg_int_ip_pim.h.ann) | August 4, 1999 | Cisco IOS 12.1(2)T | April 26, 2000 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---------------------------------|-------------------------------|--|---------------------------------|------------------------|------------------------------------|
| ip pim log-neighbor-changes | Cisco / Ijsbrand Wijnands | Bug ID CSCee02125 (CSI-CLI-01845695-97) | August 9, 2004 | Cisco IOS 12.4(24)T | February 2009 |
| ip pim neighbor-filter | Cisco / Chris White | ENG-11703 rev. A (CSI-CLI-00608777-80) | January 22, 1997 | Cisco IOS 11.3 | December 1997 |
| ip pim query-interval | Cisco / Dino Farinacci | Source Code (ip_pim_query-interval.CVS_103_nac2_alaska_repo_pull.cfg_int_ip_pim.h.ann) | June 24, 1994 | Cisco IOS 10 | 1993 |
| ip pim register-source | Cisco / Dino Farinacci | Bug ID CSCdm95268 (CSI-CLI-02046514-18) | September 9, 1999 | Cisco IOS 12.0(8)T | December 13, 1999 - April 26, 2005 |
| ip pim rp-address | Cisco / Dino Farinacci | Source Code (ip_pim_rp-address.trunk_102_nac1_alabama_cvs_repo.cfg_ip_pi m.h.ann) | October 4, 1994 | Cisco IOS 10.2 | October 4, 1994 |
| ip pim rp-candidate | Cisco / Liming Wei | ENG-12945 (CSI -CLI-00608891-99) | April 3, 1997 | Cisco IOS 11.3T | December 15, 1997 |
| ip pim sparse-mode | Cisco / Dino Farinacci | Source Code (ip_pim_query-interval.CVS_103_nac2_alaska_repo_pull.cfg_int_ip_pim.h.ann) | June 24, 1994 | Cisco IOS 10 | 1993 |
| ip pim spt-threshold | Cisco / Dino Farinacci | Source Code (cfg_ip_pim.h.ann) | December 17, 1995 | Cisco IOS 11.1 | March 1996 |
| ip pim spt-threshold group-list | Cisco / Dino Farinacci | Source Code (cfg_ip_pim.h.ann) | December 17, 1995 | Cisco IOS 11.1 | March 1996 |
| ip pim ssm range | Cisco / Nidhi Bhaskar | ENG-56717 v 1.0 (CSI -CLI-00609339-41) | February 24, 2000 | Cisco IOS 12.1(3)T | July 27, 2000 |
| ip prefix-list | Cisco / Enke Chen | Source Code (row_208.connecticut.cfg_ip_prefixlist.h) | June 6, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------|----------------------------------|--|---------------------------------|------------------------|-------------------------|
| ip protocol | Cisco | Cisco IOS 12.0(23)S | August 26, 2003 | Cisco IOS 12.0(23)S | August 26, 2003 |
| ip proxy-arp | Cisco / Kirk Lougheed | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Release 8.0 | September 14, 1989 |
| ip radius source-interface | Cisco / Syed M. Ashraf | Source Code (cfg_ip_radius.h.ann) | January 1, 1996 | Cisco IOS 11.3 | December 1997 |
| ip rip v2-broadcast | Cisco / Doug Weismann | Source Code (cfg_int_ip_rip.h.ann) | December 2, 1995 | Cisco IOS 12.1(5)T | October 3, 2000 |
| ip route | Cisco / Kirk Lougheed | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Release 8.0 | September 14, 1989 |
| ip routing | Cisco / Kirk Lougheed | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| ip tacacs source-interface | Cisco / Syed M. Ashraf | Cisco IOS 10 | December 8, 1995 | Cisco IOS 10 | 1993 |
| ip-community-list standard | Cisco / Rex Fernando | Cisco IOS 10.3 | April 13, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| ipv6 access-list | Cisco / Pedro Marques | Source Code (Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 address | Cisco / Pedro Marques | Source Code (Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 dhcp relay destination | Cisco / Jun Xie | Email (CSI-CLI-00608714-15) | February 19, 2004 | Cisco IOS 12.3(11)T | September 20, 2004 |
| ipv6 enable | Cisco / Pedro Marques, Ole Troan | ENG-66740 (CSI-CLI-00609397-405 Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 host | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| ipv6 access-group | Cisco / Minglei Yang | Source Code (u_cfg_gprs_apn.h) | November 20, 2006 | Cisco IOS 12.4(9)XG | November 20, 2006 |
| ipv6 nd managed-config-flag | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 nd ns-interval | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 nd other-config-flag | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 nd prefix | Cisco / Alun Evans | Source Code (main/flo_t/itd_flo_t_pi4/noggin/graculus/1) | April 29, 2002 | Cisco IOS 12.2(13)T | November 25, 2002 |
| ipv6 nd ra interval | Cisco / Ole Troan | ENG-66740 (CSI-CLI-00609397-405) Email (CSI -CLI-00608663-72) | February 4, 2000 | Cisco IOS 12.4(2)T | June 27, 2005 |
| ipv6 nd ra lifetime | Cisco / Ole Troan | ENG-66740 (CSI-CLI-00609397-4050) Email (CSI -CLI-00608663-72) | February 4, 2000 | Cisco IOS 12.4(2)T | June 27, 2005 |
| ipv6 nd ra suppress | Cisco / Tim Gleeson | Source Code (main/califpv6/1) | November 4, 2004 | Cisco IOS 12.4(2)T | June 27, 2005 |
| ipv6 nd reachable-time | Cisco / Pedro Marques | Source Code (main/flo_isp/ion_s/itd2_rls4/itd2_rls5/simla/2) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 nd router-preference | Cisco / Tim Gleeson | Email (CSI -CLI-00608720) | May 12, 2004 | Cisco IOS 12.4(2)T | June 27, 2005 |
| ipv6 neighbor | Cisco / Alun Evans | Source Code (main/flo_t/itd_flo_t_pi4/noggin/graculus/1) | April 9, 2002 | Cisco IOS 12.2(8)T | February 25, 2002 |
| ipv6 ospf area | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| ipv6 ospf cost | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf dead-interval | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf hello-interval | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf network | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf priority | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf retransmit-interval | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 ospf transmit-delay | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-69) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 prefix-list | Cisco / Ole Troan | ENG-66740 (CSI-CLI-00609397-4050) Email (CSI -CLI-00608663-72) | February 4, 2000 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 route | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| ipv6 router ospf | Cisco / Ole Troan | ENG-66740 (CSI-CLI-00609397-405) Email (CSI -CLI-00608663-72) | February 4, 2000 | Cisco IOS 12.0(24)S | August 26, 2003 |
| ipv6 unicast-routing | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 214, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| isis hello-interval | Cisco / David Hampton | Source Code (isis_hello-interval.914.10.copyout.isis.m4) | March 9, 1992 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------|---|--|---------------------------------|------------------------|-------------------------|
| isis hello-multiplier | Cisco / David Katz | BugID CSCdi38139 (CSI -CLI-01339844, CSI -CLI-01339874) | August 3, 1995 | Cisco IOS 10 | 1993 |
| isis lsp-interval | Cisco / David Katz | BugID CSCdi54576 | May 7, 1996 | Cisco IOS 11.1 | March 1996 |
| isis metric | Cisco / David Hampton | Source Code (isis_metric.91.1.copyout.isis.m4) | March 9, 1992 | Cisco IOS 10 | 1993 |
| isis passive | Cisco / Ayan Banerjee | Source Code (isis.cmds.ann) | March 26, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| isis passive-interface | Cisco / Sri Mohana Satya Srinivas Singamsetty | Source Code (isis.cmds.622.ann) | November 7, 2012 | NX-OS 6.2(2) | August 22, 2013 |
| isis priority | Cisco / David Hampton | Source Code (isis_metric.91.1.copyout.isis.m4) | March 9, 1992 | Cisco IOS 10 | 1993 |
| is-type | Cisco / Robert Widmer | Source Code (is-type.trunk_100_nac0_cvs_repo.cfg_router_is-type.h.ann) | June 14, 1992 | Cisco IOS 10.3 | April 13, 1995 |
| lACP port-priority | Cisco / Massimiliano Ardica, Saci Nambakkam | ENG-120379 v. 1 (CSI -CLI-00609553-70) | May 7, 2001 | Cisco IOS 12.1(13)EW | December 23, 2002 |
| lACP rate | Cisco / Dan Hall | Email (CSI-CLI-00608733) | October 18, 2005 | Cisco IOS 12.2(18)SXF2 | January 20, 2006 |
| lACP system-priority | Cisco / Massimiliano Ardica, Saci Nambakkam | ENG-120379 v. 1 (CSI -CLI-00609553-70) | May 7, 2001 | Cisco IOS 12.1(13)EW | December 23, 2002 |
| link state group | Cisco / Yogesh Kaushik | Email (CSI-CLI-00608729) | October 29, 2004 | Cisco IOS 15.1(1)S | November 23, 2010 |
| link state track | Cisco / Sankar Nagarajan | Source Code (cfg_int_lsttrack.h.ann) | March 18, 2010 | Cisco IOS 15.1(1)S | November 23, 2010 |
| lldp holdtime | Cisco / Devadas Patil | Email (CSI -CLI-00608734-38), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(37)SE | August 8, 2007 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| lldp receive | Cisco / Devadas Patil | Email (CSI-CLI-00811125-28, EDCS-487707 v. 9 (CSI-CLI-01508812-39)) | February 1, 2006 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| lldp reinit | Cisco / Devadas Patil | Email (CSI -CLI-00608734-38), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(37)SE | August 8, 2007 |
| lldp run | Cisco / Devadas Patil | Email (CSI -CLI-00608734-38), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(37)SE | August 8, 2007 |
| lldp timer | Cisco / Devadas Patil | Email (CSI -CLI-00608734-38), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(37)SE | August 8, 2007 |
| lldp tlv-select | Cisco / Devadas Patil | Email (CSI -CLI-00608734-38), EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(37)SE | August 8, 2007 |
| lldp transmit | Cisco / Devadas Patil | Email (CSI-CLI-00811125-28), EDCS-487707 v. 9 (CSI-CLI-01508812-39) | February 1, 2006 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| load-interval | Cisco / William May | Source code (load-interval.trunk_102_nac1_alabama_cvs_repo.cfg_int_1 oad-interval.h.ann) | August 17, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| log-adjacency-changes | Cisco / Abhay Roy | BugID CSCdj76740 (CSI -CLI-02046519, CSI -CLI-02046522) | October 12, 1998 | Cisco IOS 12.1 | March 30, 2000 |
| log-adjacency-changes (IS-IS) | Cisco / David Katz | BugID CSCdi38138 (CSI-CLI-01845670) | August 25, 1995 | NX-OS 4.0(1) | April 21, 2008 |
| log-adjacency-changes (OSPFv3) | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 15.1(3)S | July 25, 2011 |
| logging host | Cisco / Jim Duncan | Email (CSI-CLI-00608661) | July 20, 1999 | Cisco IOS 10 | 1993 |
| mac access-group | Cisco / Vithal Shirodkar | Email (CSI-CLI-00608696) | September 5, 2001 | Cisco IOS 12.0(32)S | January 18, 2006 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| mac access-list | Cisco / Rituparna Agrawal | Source Code (aclmgr.cmd.ann) | May 16, 2006 | NX-OS 4.0(1) | April 21, 2008 |
| mac-address | Cisco / Kirk Lougheed | Source Code (mac-address.8.2.1.copyout.config.m4) | February 11, 1990 | Cisco IOS 10 | 1993 |
| mac-address-table aging-time | Cisco / Alan Liebthal | Email (CSI-CLI-00608618-21) | May 19, 1998 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| mac-address-table static | Cisco / Alan Liebthal | Email (CSI-CLI-00608618-21) | May 19, 1998 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| max-connections | Cisco / Chien-Chiang Lai | CSCdk83367 (CSI -CLI-01339845, CSI -CLI-01339873) | February 8, 1999 | Cisco IOS 12.2(8)T | February 25, 2002 |
| maximum-paths | Cisco / Anthony Li | Source Code (cfg_router_maximum-paths.h.ann) | July 1, 1995 | Cisco IOS 12.2(8)T | February 25, 2002 |
| maximum-paths (OSPFv3) | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 15.1(3)S | July 25, 2011 |
| neighbor activate | Cisco / Enke Chen | Source Code (activate_cfg_router_neighbor_bgp.h.ann) | September 30, 1998 | Cisco IOS 11 | September 18, 1995 |
| neighbor allowas-in | Cisco / Srihari Sangli | BugID CSCdm88601 (CSI-CLI-01845678) | September 28, 1999 | Cisco IOS 12.0(7)T | December 13, 1999 |
| neighbor default-originate | Cisco / Andrew Heffernan | Source Code (cfg_router_neighbor_bgp.h.ann) | July 7, 1995 | Cisco IOS 11 | September 18, 1995 |
| neighbor description | Cisco / Enke Chen | Source Code (cfg_router_neighbor_bgp.h.ann) | September 29, 1997 | Cisco IOS 11.3 | December 1997 |
| neighbor ebgp-multihop | Cisco / Paul Traina | CSCdi10324 (CSI-CLI-01339862-63, CSI-CLI-01339836) | April 16, 1993 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--|------------------------------------|---|---------------------------------|------------------------|-------------------------|
| neighbor fall-over bfd | Cisco / Satish Mynam | Source Code (_row_217.conn_isp.cfg_router_neighbor_bgp.h.ann) | June 10, 2005 | Cisco IOS 12.2(33)SRA | June 19, 2006 |
| neighbor local-as | Cisco / Rex Fernando | BugID CSCdm26955 (CSI-CLI-01845675) | April 29, 1999 | Cisco IOS 12.0(5)S | July 13, 1999 |
| neighbor next-hop-self | Cisco / Ravishankar Chandrasekaran | BugID CSCdi13037 (CSI-CLI-01845662) | September 24, 1993 | Cisco IOS 10 | 1993 |
| neighbor password | Cisco / Anthony Li | Source Code (password_cfg_router_neighbor_bgp.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |
| neighbor peer-group (assigning members) | Cisco / Anthony Li | Source Code (cfg_router_neighbor_bgp.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |
| neighbor peer-group (creating) | Cisco / Anthony Li | Source Code (cfg_router_neighbor_bgp.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |
| neighbor remote-as | Cisco / Dan Tappan | ENG-29568 Rev. D (CSI-CLI-0609236-51) | March 11, 1999 | Cisco IOS 10 | 1993 |
| neighbor remove-private-as | Cisco / Ravishankar Chandrasekaran | Source Code (neighbor_remove-private-AS.trunk_103_nac2_alaska_cvs_repo.cfg_router_neighbor_bgp.h.ann) | July 30, 1996 | Cisco IOS 10.3 | April 13, 1995 |
| neighbor route-map | Cisco / Dino Farinacci | ENG-3476 (CSI-CLI-01329757) | January 27, 1993 | Cisco IOS 10 | 1993 |
| neighbor route-reflector-client | Cisco / Anthony Li | Source Code (password_cfg_router_neighbor_bgp.h.ann) | July 1, 1995 | Cisco IOS 11.1 | March 1996 |
| neighbor send-community | Cisco / Paul Traina | Source Code (neighbor_remove-private-AS.trunk_103_nac2_alaska_cvs_repo.cfg_router_neighbor_bgp.h.ann) | March 1, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| neighbor shutdown | Cisco / Enke Chen | Source Code (cfg_router_neighbor_bgp.h.neighbor.shutdown) | May 28, 1998 | Cisco IOS 12 | September 1998 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| neighbor soft-reconfiguration | Cisco | Cisco IOS 11.2 | October 1996 | Cisco IOS 11.2 | October 1996 |
| neighbor timers | Cisco / Enke Chen | Source Code (cfg_router_neighbor_bgp.h.neighbor.timers) | November 17, 1997 | Cisco IOS 12 | September 1998 |
| neighbor transport connection-mode | Cisco / Daniel Walton | Source Code (transport_cfg_router_neighbor_bgp.h) | February 19, 2004 | Cisco IOS 12.4 | May 2, 2005 |
| neighbor update-source | Cisco / David Hampton | Source Code (neighbor_ebgp-multihop.91.11.copyout.bgp.c) | March 9, 1992 | Cisco IOS 10 | 1993 |
| neighbor weight | Cisco | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Cisco IOS 10 | 1993 |
| network area | Cisco | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| no snmp-server | Cisco / Kirk Lougheed | Release 7.0/7.1 | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| ntp authenticate | Cisco / David Katz | Source Code (ntp_authenticate.CVS_100_repo_pull.cfg_ntp.h.ann) | December 1, 1993 | Cisco IOS 10 | 1993 |
| ntp authentication-key | Cisco / David Katz | Source Code (ntp_authenticate.CVS_100_repo_pull.cfg_ntp.h.ann) | December 1, 1993 | Cisco IOS 10 | 1993 |
| ntp server | Cisco / David Hampton | Source Code (ntp_authenticate.CVS_100_repo_pull.cfg_ntp.h.ann) | October 7, 1993 | Cisco IOS 10 | 1993 |
| ntp source | Cisco / David Hampton | Source Code (ntp_authenticate.CVS_100_repo_pull.cfg_ntp.h.ann) | August 5, 1993 | Cisco IOS 10 | 1993 |
| ntp trusted-key | Cisco / David Katz | Source Code (ntp_authenticate.CVS_100_repo_pull.cfg_ntp.h.ann) | December 1, 1993 | Cisco IOS 10 | 1993 |
| passive-interface | Cisco / Kirk Lougheed | Release 7.0/7.1 | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------|---|--|---------------------------------|------------------------|-------------------------|
| passive-interface (OSPFv3) | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 15.1(3)S | July 25, 2011 |
| passive-interface default | Cisco / Padma Pillay-Esnault | Source Code (cfg_router_passive-interface.h) | November 4, 1998 | Cisco IOS 12 | September 1998 |
| policy-map type control-plane | Cisco / Arun Kumar B. | Source Code (copp_cli.cmd.ann) | September 24, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| policy-map type qos | Cisco / Ramesh Kumar Chinnasamy | Source Code (qosmgr.cmd.ann) | January 4, 2007 | NX-OS 4 | April 3, 2008 |
| port-channel load-balance | Cisco / Massimiliano Ardica, Saci Nambakkam | ENG-120379 v. 1 (CSI -CLI-00609553-70) | May 7, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| port-channel min-links | Cisco / Dan Hall | Email (CSI-CLI-00608721) | July 23, 2004 | Cisco IOS 12.2(18)SXF | September 12, 2005 |
| priority-flow-control mode | Cisco / Harsha Bharadwaj | Source Code (qosmgr_dce.cmd.ann) | November 7, 2012 | NX-OS 5.1(1) | October 25, 2010 |
| private-vlan | Cisco / Dan Florea | ENG-56211 v. I (CSI-CLI-00609514-35) | January 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| private-vlan mapping | Cisco / Dan Florea | ENG-56211 v. I (CSI-CLI-00609514-35) | January 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| ptp domain | Cisco / Mark Bilstad | EDCS-798937 (CSI-CLI-00610555-952) | July 23, 2009 | NX-OS 5.2(1) | July 29, 2011 |
| ptp priority1 | Cisco / Tong Liu | Email (CSI-CLI-00846643) | June 25, 2008 | NX-OS 5.2(1) | July 29, 2011 |
| ptp priority2 | Cisco / Tong Liu | Email (CSI-CLI-00846643) | June 25, 2008 | NX-OS 5.2(1) | July 29, 2011 |
| ptp sync interval | Cisco / Tong Liu | Email (CSI-CLI-00608739-40) | June 25, 2008 | NX-OS 5.2(1) | July 29, 2011 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| radius-server deadtime | Cisco / Bill Westfield | ENG-5571 v3 (CSI-CLI-00608757-62) | June 3, 1996 | Cisco IOS 11.1 | March 1996 |
| radius-server host | Cisco / Bill Westfield | ENG-5571 v1 (CSI-CLI-00608743-45) | May 4, 1995 | Cisco IOS 11.1 | March 1996 |
| radius-server key | Cisco / Bill Westfield | ENG-5571 v1 (CSI-CLI-00608743-45) | May 4, 1995 | Cisco IOS 11.1 | March 1996 |
| radius-server retransmit | Cisco / Bill Westfield | ENG-5571 v1 (CSI-CLI-00608743-45) | May 4, 1995 | Cisco IOS 11.1 | March 1996 |
| radius-server timeout | Cisco / Bill Westfield | ENG-5571 v1 (CSI-CLI-00608743-45) | May 4, 1995 | Cisco IOS 11.1 | March 1996 |
| redundancy force-switchover | Cisco / Frederick Lewis | Email (CSI-CLI-00608676-79) | November 13, 2000 | Cisco IOS 12.0(16)ST | March 29, 2001 |
| route-map | Cisco / Dino Farinacci | EDCS-3476 (CSI-CLI-01329757) | January 27, 1993 | Cisco IOS 10 | 1993 |
| router bgp | Cisco / Kirk Lougheed | Release 8.0 | September 14, 1989 | Release 8.0 | September 14, 1989 |
| router isis | Cisco / David Hampton | Source Code (router_isis.nfs_beyond.old_rel_9X_91_READONLY_91.1.READONLY_sys_gs.route3.c.copyout) | March 9, 1992 | Cisco IOS 10 | 1993 |
| router ospf | Cisco / David Hampton | Source Code (router_isis.nfs_beyond.old_rel_9X_91_READONLY_91.1.READONLY_sys_gs.route3.c.copyout) | March 9, 1992 | Cisco IOS 10 | 1993 |
| router rip | Cisco / Kirk Lougheed | AGS Reference Manual Rev 6.1 (CSI-CLI 00358298) | September 19, 1987 | Cisco IOS 12.2(2)T | May 25, 2001 |
| router-id | Cisco | Cisco IOS 12.0(1)T | November 2, 1998 | Cisco IOS 12.0(1)T | November 2, 1998 |
| router-id (OSPFv3) | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | July 25, 2011 | Cisco IOS 15.1(3)S | July 25, 2011 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------|--|---|---------------------------------|------------------------|-------------------------|
| routing-context vrf | Cisco / Yong Chen | Source Code (cli.cmds.ann) | January 14, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| service sequence-numbers | Cisco | Cisco IOS 12 | September 1998 | Cisco IOS 12 | September 1998 |
| set-overload-bit | Cisco / Henk Smit | Source Code (cfg_router_isis.h.ann) | June 5, 1997 | Cisco IOS 11.2 | October 1996 |
| show aaa method-lists | Cisco / Jihad Sabra | Source Code (exec_show_aaa.h) | June 12, 2000 | Cisco IOS 12.2(8)T | February 25, 2002 |
| show aaa sessions | Cisco / Richard Foltak | Source Code (exec_show_aaa.h) | September 29, 2000 | Cisco IOS 15.0(2)EX | June 22, 2013 |
| show arp | Cisco / Kirk Lougheed | ASM/AGS 5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| show bfd neighbors | Cisco / Stefano Previdi | BugID CSCec57162 (CSI-CLI-01845693) | December 22, 2003 | Cisco IOS 12.0(31)S | April 20, 2005 |
| show clock | Cisco / David Katz | Source Code (show_clock.trunk_100_nac0_cvs_repo.exec_show_clock.h.ann) | March 13, 1993 | Cisco IOS 10 | 1993 |
| show dot1q-tunnel | Cisco / Sacidhar Nambakkam | BugID CSCdw07212 (CSI-CLI-01845691) | January 1, 2002 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show dot1x | Cisco / Gayatri Ramakrishnan, Satyanarayana Dillikar | ENG-70052 (CSI-CLI-01497670-90) | May 20, 2000 | Cisco IOS 12.1(11)AX | May 2003 |
| show dot1x all summary | Cisco / Sudheer Reddy Vakati | Source Code (show_dot1x_all_summary.clearcase.main.flo_isp.con st2.pikespeak.2.exec_show_dot1x.h.ann) | August 4, 2005 | Cisco IOS 12.1(14)EA1 | July 25, 2003 |
| show dot1x statistics | Cisco / V.N. Ramesh Ponnappalli | Email (CSI-CLI-00608684-87) | May 24, 2001 | Cisco IOS 12.2(25)SEE | May 1, 2006 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------------------|--------------------------------|--|---------------------------------|------------------------|-------------------------|
| show environment all | Cisco / Scott Miller | BugID CSCed76786 (CSI-CLI-01339808-09, CSI-CLI-01339852) | October 7, 2004 | Cisco IOS 12.2(20)S2 | March 16, 2004 |
| show environment cooling | Cisco / Iris Ataee | Source Code (exec_show_env.h.xann) | June 28, 2002 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show environment power | Cisco / Sudhakar Mamillapalli | Source Code (pfm.cmd.ann) | December 18, 2007 | NX-OS 4.2(1) | August 10, 2009 |
| show environment temperature | Cisco / Cliff Sojourner | Email (CSI-CLI-00608657-58) | February 25, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show etherchannel | Cisco / Narendranath Mididaddi | BugID CSCdp18142 (CSI-CLI-01845682) | October 13, 1999 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| show hostname | Cisco | NX-OS 4.0(1) | April 21, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| show hosts | Cisco / Kirk Lougheed | ASM/AGS User Manual v5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| show interfaces | Cisco / Kirk Lougheed | ASM/AGS User Manual v5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| show interfaces capabilities | Cisco / Sukumar Subburayan | BugID CSCdv39413 (CSI-CLI-01845690) | September 20, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show interfaces description | Cisco / Jason Bos | Email (CSI-CLI-00608675) | September 18, 2000 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show interfaces flowcontrol | Cisco / Roberto Spadaro | BugID CSCdv19377 (CSI-CLI-01845689) | August 25, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show interfaces private-vlan mapping | Cisco / Dan Florea | ENG-56211 v. I (CSI-CLI-00609514-35) | January 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show interfaces status | Cisco / Steven Larson | BugID CSCdm40488 (CSI-CLI-01845676) | March 21, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------------|--|---|---------------------------------|-------------------------|-------------------------|
| show interfaces switchport | Cisco / Frederick Scott | ENG-14432 v. 11 (CSI-CLI-00608970-08) | April 13, 1998 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show interfaces switchport backup | Cisco / Rohit Sharma | EDCS-328530 v. 4 (CSI-CLI-02025490) | August 23, 2005 | Cisco IOS 12.2(18)SXF | September 12, 2005 |
| show interfaces transceiver | Cisco / Vijay Gupta | Email (CSI-CLI 00608710-11) | July 30, 2003 | Cisco IOS 12.2(17d)SXB2 | July 21, 2004 |
| show interfaces trunk | Cisco / Steven Larson | BugID CSCdm40488 (CSI-CLI-01845676) | March 21, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show inventory | Cisco / Phillip Remaker, Solomon Tekle | EDCS-256748 (CSI-CLI-00610102-05) | December 4, 2002 | Cisco IOS 12.3(4)T | November 3, 2003 |
| show ip access-lists | Cisco / Kirk Lougheed | Cisco IOS 10.3 | April 13, 1995 | Cisco IOS 10.3 | April 13, 1995 |
| show ip arp | Cisco / Kirk Lougheed | Cisco IOS 9 | December 1992 | Cisco IOS 9 | December 1992 |
| show ip bgp | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| show ip bgp community | Cisco / Ravishankar Chandrasekaran | Source Code (show_ip_bgp_community.trunk_103_nac2_alaska_cv s_repo.exec_show_ip_bgp.h.ann) | December 16, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| show ip bgp neighbors | Cisco / David Hampton | Source Code (show_ip_bgp_neighbors.nfs_beyond.old_rel_9X_91_READONLY_91.1.READONLY_sys_gs.bgp.cmd.co pyout) | March 9, 1992 | Release 9.1 | September 1992 |
| show ip bgp paths | Cisco / David Hampton | Source Code (show_ip_bgp_neighbors.nfs_beyond.old_rel_9X_91_READONLY_91.1.READONLY_sys_gs.bgp.cmd.co pyout) | March 9, 1992 | Release 9.1 | September 1992 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---------------------------|-----------------------------------|---|---------------------------------|--------------------------|-------------------------|
| show ip bgp peer-group | Cisco / Anthony Li | Source Code (exec_show_ip_bgp.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |
| show ip bgp regexp | Cisco / Robert Widmer | Source Code (show_ip_bgp_regexp.trunk_100_nac0_cvs_repo.exec_show_ip_bgp.h.ann) | May 10, 1993 | Cisco IOS 10 | 1993 |
| show ip bgp summary | Cisco / David Hampton | Source Code (show_ip_bgp_neighbors.nfs_beyond.old_rel_9X_91_READONLY_91.1.READONLY_sys_gs.bgp.cmd.co pyout) | March 9, 1992 | Release 9.1 | September 1992 |
| show ip community-list | Cisco / Anthony Li | Source Code (exec_show_ip_community-list.h.ann) | July 1, 1995 | Cisco IOS 11 | September 18, 1995 |
| show ip dhcp snooping | Cisco / Dehua Huang, Adam Sweeney | EDCS-194356 rev. A (CSI-CLI-00610016-27) | April 29, 2002 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| show ip extcommunity-list | Cisco / Rex Fernando | BugID CSCdp00845 (CSI-CLI-01845680) | September 22, 1999 | Cisco IOS 12.1 | March 30, 2000 |
| show ip helper-address | Cisco / Patrick Mahan | Source Code (exec_show_ip.h.ann) | June 28, 2002 | Cisco IOS 12.3(2)T | July 28, 2003 |
| show ip igmp groups | Cisco / Dino Farinacci | Source Code (show_ip_igmp_groups.trunk_102_nac1_alabama_cvs_repo.exec_show_ip_igmp.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip igmp interface | Cisco / Mark Dino Farinacci | Source Code (show_ip_igmp_groups.trunk_102_nac1_alabama_cvs_repo.exec_show_ip_igmp.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip igmp snooping | Cisco / Senthil Arunachalam | Email (CSI-CLI-00608673) | August 2, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------|-------------------------------|---|---------------------------------|--------------------------|-------------------------|
| show ip igmp snooping groups | Cisco / Nagarani Chandika | EDCS-255281 v. 4 (CSI-CLI-00610330-52) | August 18, 2003 | Cisco IOS 12.4(15)T | June 29, 2007 |
| show ip igmp snooping mrouter | Cisco / Senthil Arunachalam | Email (CSI-CLI-00608673) | August 2, 2000 | Cisco IOS 12.0(5.2)WC(1) | April 2001 |
| show ip igmp snooping querier | Cisco / Nagarani Chandika | Email (CSI-CLI 00608707-08) | February 27, 2003 | NX-OS 4.0(1) | April 21, 2008 |
| show ip interface | Cisco / Kirk Loughheed | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| show ip interface brief | Cisco / Anthony Li | Bug ID CSCdi14533 (CSI-CLI-01339831, CSI-CLI-0133950) | October 31, 1993 | Cisco IOS 10 | 1993 |
| show ip mfib | Cisco / Daniel Williston | Source Code (show_ip_mfib.clearcase.main.mcast6_conn_isp.1.ipv4_mfib_chain.c.ann) | December 9, 2002 | Cisco IOS XE 2.1 | May 5, 2008 |
| show ip mroute | Cisco / Dino Farinacci | Source Code (show_ip_mroute.trunk_102_nac1_alabama_cvs_repo.exec_show_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip mroute count | Cisco / Dino Farinacci | Source Code (show_ip_mroute.trunk_102_nac1_alabama_cvs_repo.exec_show_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip msdp mesh-group | Cisco / Dino Farinacci | Source Code (msdp.cmds.ann) | October 14, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| show ip msdp peer | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| show ip msdp rpf-peer | Cisco / Swapna Yelamanchi | Email (CSI-CLI-00608709) | April 11, 2003 | Cisco IOS 12.3(4)T | November 3, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--|--------------------------------|---|---------------------------------|------------------------|-------------------------|
| show ip msdp sa-cache | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| show ip msdp summary | Cisco / Dino Farinacci | BugID CSCdk49648 (CSI-CLI-01845673) | September 21, 1998 | Cisco IOS 12.0(7)T | December 13, 1999 |
| show ip nat translations | Cisco / Andy Heffernan | Email (CSI-CLI00608588-90) | April 9, 1996 | Cisco IOS 11.2 | October 1996 |
| show ip ospf | Cisco / Robert Widmer | Source Code (show_ip_ospf_border-routers.trunk_100_nac0_cvs_repo.exec_show_ip_ospf.h.ann) | May 10, 1993 | Cisco IOS 10 | 1993 |
| show ip ospf border-routers | Cisco / Arpakorn Boonkongchuen | Bug ID CSCdi13304 (CSI-CLI-1339837, CSI-CLI-1339864-65) | November 23, 1993 | Cisco IOS 10 | 1993 |
| show ip ospf database database-summary | Cisco / Arpakorn Boonkongchuen | BugID CSCdi26679 (CSI-CLI-01845664) | November 11, 1994 | Cisco IOS 11 | September 18, 1995 |
| show ip ospf interface | Cisco / Robert Widmer | Source Code (show_ip_ospf_border-routers.trunk_100_nac0_cvs_repo.exec_show_ip_ospf.h.ann) | May 10, 1993 | Cisco IOS 10 | 1993 |
| show ip ospf neighbor | Cisco / Robert Widmer | Source Code (show_ip_ospf_border-routers.trunk_100_nac0_cvs_repo.exec_show_ip_ospf.h.ann) | May 10, 1993 | Cisco IOS 10 | 1993 |
| show ip ospf request-list | Cisco / Arpakorn Boonkongchuen | Source Code (show_ip_ospf_border-routers.trunk_100_nac0_cvs_repo.exec_show_ip_ospf.h.ann) | November 12, 1994 | Cisco IOS 10.2 | October 4, 1994 |
| show ip ospf retransmission-list | Cisco / Arpakorn Boonkongchuen | BugID CSCdi26679 (CSI-CLI-01845664) | November 11, 1994 | Cisco IOS 10.2 | October 4, 1994 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------|---|---|---------------------------------|------------------------|-------------------------|
| show ip pim interface | Cisco / Dino Farinacci | Source Code (show_ip_pim_interface.trunk_102_nac1_alabama_cv s_repo.exec_show_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip pim neighbor | Cisco / Dino Farinacci | Source Code (show_ip_pim_interface.trunk_102_nac1_alabama_cv s_repo.exec_show_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10 | 1993 |
| show ip pim rp | Cisco / Dino Farinacci | Source Code (show_ip_mroutetrunk_102_nac1_alabama_cvs_repo .exec_show_ip_pim.h.ann) | July 9, 1994 | Cisco IOS 10.2 | October 4, 1994 |
| show ip pim rp-hash | Cisco / Liming Wei | ENG-12945 (CSI -CLI-00608891-99) | April 3, 1997 | Cisco IOS 11.3T | December 15, 1997 |
| show ip prefix-list | Cisco / Enke Chen | Source Code (exec_show_ip_prefixlist.h.ann) | December 17, 1997 | Cisco IOS 12 | September 1998 |
| show ip rip database | Cisco / Dawn Shauming Li | Email (CSI-CLI-00608596) | May 4, 1998 | Cisco IOS 12.0(6)T | September 20, 1999 |
| show ip rip neighbors | Cisco / Muneer Pasha | BugID CSCtb74268 (CSI-CLI-01339826-30, CSI-CLI-11339855) | August 27, 2010 | Cisco IOS XE 3.3 | March 30, 2011 |
| show ip route | Cisco / Kirk Lougheed | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Gateway Server Update | 1992-1995 |
| show ip route summary | Cisco / Robert Widmer | Source Code (show_ip_route_summary.nfs_beyond.old_rel_9X_92 1_READONLY_921.1.READONLY_sys_parser.exec _show_ip_routing.h.copyout) | March 5, 2010 | Cisco IOS 10 | 1993 |
| show ip route tag | Cisco / Divakaran Baskaran, Karthik Subramaniam | EDCS-1032802 rev. 7 (CSI-CLI-00611081-99) | August 24, 2011 | Cisco IOS 15.2(2)S | March 30, 2012 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------|----------------------------------|--|---------------------------------|------------------------|-------------------------|
| show ipv6 access-list | Cisco / Ole Troan | ENG-66740 (CSI-CLI-00609397-405) , Email (CSI - CLI-00608663-72) | February 4, 2000 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show ipv6 bgp | Cisco / Dhananjaya Rao | Source Code (bgp.cmds.ann) | December 22, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| show ipv6 bgp community | Cisco / Nataraj Bacthu | Source Code (bgp.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| show ipv6 bgp neighbors | Cisco / Nataraj Bacthu | Source Code (bgp.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| show ipv6 bgp summary | Cisco / Nataraj Bacthu | Source Code (bgp.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| show ipv6 interface | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show ipv6 neighbors | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show ipv6 ospf | Cisco / Abhay Roy | Source Code (exec_show_ip_ospfv3.h.ann) | June 4 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| show ipv6 ospf border-routers | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| show ipv6 ospf interface | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| show ipv6 ospf neighbor | Cisco / Abhay Roy | ENG-112494 rev. B (CSI-CLI-00609752-769) | August 31, 2001 | Cisco IOS 12.0(24)S | August 26, 2003 |
| show ipv6 prefix-list | Cisco / Ole Troan | Source Code (main/heimskringla/2) | June 21, 2000 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show ipv6 route | Cisco / Pedro Marques, Ole Troan | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------|---|---|---------------------------------|------------------------|-------------------------|
| show ipv6 route summary | Cisco / Pedro Marques | Source Code (main/califpv6/1) | May 14, 1997 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show ipv6 route tag | Cisco / Ole Troan | Email (CSI-CLI-00608663-72) | February 4, 2000 | Cisco IOS 15.2(2)S | March 30, 2012 |
| show isis database | Cisco / Robert Widmer | Source Code (show_isis_database.trunk_100_nac0_cvs_repo.exec_show_isis.h.ann) | June 14, 1992 | Cisco IOS 10 | 1993 |
| show isis interface | Cisco / Nataraj Bacthu | Source Code (isis.cmds.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| show isis topology | Cisco / Henk Smit | BugID CSCdk17921 (CSI-CLI-01845671) | June 21, 1998 | Cisco IOS 12.0(26)S | August 26, 2003 |
| show lacp counters | Cisco / Massimiliano Ardica, Saci Nambakkam | ENG-120379 v. 1 (CSI -CLI-00609553-70) | May 7, 2001 | NX-OS 4 | April 3, 2008 |
| show lacp interface | Cisco / Gridihar Rajaram | Source code (lacp.cmd.ann) | October 30, 2007 | NX-OS 4 | April 3, 2008 |
| show lacp neighbor | Cisco / Massimiliano Ardica, Saci Nambakkam | ENG-120379 v. 1 (CSI -CLI-00609553-70) | May 7, 2001 | NX-OS 4 | April 3, 2008 |
| show link state group | Cisco / Yogesh Kaushik | Email (CSI-CLI-00608729) | October 29, 2004 | Cisco IOS 15.1(1)S | November 23, 2010 |
| show lldp | Cisco / Devadas Patil | EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| show lldp neighbors | Cisco / Devadas Patil | EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(33)SXH | August 21, 2007 |
| show lldp traffic | Cisco / Devadas Patil | EDCS-487707 v. 1 (CSI -CLI-01507526-44) | November 16, 2005 | Cisco IOS 12.2(33)SXH | August 21, 2007 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---|---------------------------------|---|---------------------------------|------------------------|-------------------------|
| show mac access-lists | Cisco / Atul Kumar | EDCS-517457 v. 12 (CSI -CLI-01508948-74) | January 17, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| show mac-address-table | Cisco / Alan Liebthal | Email (CSI-CLI-00608618-21) | May 19, 1998 | Cisco IOS 11.2(8)SA3 | 1997- 2002 |
| show mac-address-table aging-time | Cisco / Alan Liebthal | Email (CSI-CLI-00608618-21) | May 19, 1998 | Cisco IOS 11.2(8)SA3 | 1997- 2002 |
| show mac-address-table count | Cisco / Ramesh Santhanakrishnan | Source Code (exec_show_mac_tbl.h.ann) | July 9, 2000 | Cisco IOS 11.2(8)SA3 | 1997- 2002 |
| show module | Cisco / Cliff Sojourner | BugID CSCdm50858 (CSI-CLI-01845677) | July 15, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show monitor session | Cisco / Forrest Tanaka | BugID CSCdp12610 (CSI-CLI-02024274, CSI-CLI-02024279) | October 4, 1999 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show ntp associations | Cisco / David Katz | Source Code (ntp_authenticate.921.1.copyout.cfg_ntp.h)] | December 29, 1992 | Cisco IOS 10 | 1993 |
| show ntp status | Cisco / David Katz | Source Code (show_ntp_associations.trunk_100_nac0_cvs_repo.exec_show_ntp.h.ann) | January 9, 1993 | Cisco IOS 10 | 1993 |
| show policy-map control-plane | Cisco / Rajiv Raghunarayan | Email (CS-CLI-00777705-06) EDCS-216047 v. 4 (CSI-CLI-00610197-222) | December 16, 2002 | Cisco IOS 12.2(18)S | August 21, 2003 |
| show policy-map interface | Cisco / Murali Bashyam | CSCdk76944 (CSI-CLI-01845674) | December 22, 1998 | Cisco IOS 12.0(5)T | July 27, 1999 |
| show policy-map interface control-plane | Cisco / Vikas Gupta | Source Code (copp_cli.cmd.ann) | January 8, 2008 | NX-OS 6.2(2) | August 22, 2013 |
| show port-channel summary | Cisco / Yiqing Zhu | Source Code (pcm_common.cmd.ann) | September 5, 2007 | NX-OS 4 | April 3, 2008 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------|--------------------------------|--|---------------------------------|------------------------|-------------------------|
| show port-channel traffic | Cisco / Yiqing Zhu | Source Code (eth_pcm.cmd) | December 4, 2007 | NX-OS 4 | April 3, 2008 |
| show port-security | Cisco / Jimit Mehta | Email (CSI-CLI-00608693-95) | August 9, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show port-security address | Cisco / Jimit Mehta | Email (CSI-CLI-00608693-95) | August 9, 2001 | Cisco IOS 12.2(18)SXE | April 11, 2005 |
| show port-security interface | Cisco / Jimit Mehta | Email (CSI-CLI-00608693-95) | August 9, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show privilege | Cisco / Robert Widmer | Source Code (show_privilege.trunk_103_nac2_alaska_cvs_repo.exe ec_show_privilege.h.ann) | December 16, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| show ptp clock | Cisco / Tong Liu | Email (CSI-CLI-00846643) | June 25, 2008 | NX-OS 5.2(1) | July 29, 2011 |
| show ptp parent | Cisco / Tong Liu | Email (CSI-CLI-00846643) | June 25, 2008 | NX-OS 5.2(1) | July 29, 2011 |
| show ptp time-property | Cisco / Rohit Watve | Source Code (ptp.cmd.503.ann) | October 12, 2009 | NX-OS 5.2(1) | July 29, 2011 |
| show qos maps | Cisco / Prasanna Parthasarathy | BugID CSCdu82660 (CSI-CLI-01845688) | July 26, 2001 | Cisco IOS 12.1(8a)EW | January 16, 2002 |
| show radius | Cisco / Gopala Andagunda | Source Code (radius_tree.cmd.ann) | November 14, 2006 | NX-OS 4.0(1) | April 21, 2008 |
| show redundancy states | Cisco / Thomas Berry | Source Code (exec_show_redundancy.h.ann) | February 2, 2000 | Cisco IOS 12.2(20)S | October 29, 2003 |
| show reload | Cisco / David Katz | Source Code (exec_show_reload.h.ann) | September 24, 1995 | Cisco IOS 11.2 | October 1996 |
| show role | Cisco / Ji Wook Jo | Source Code (vshd.cmd.ann) | August 24, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| show route-map | Cisco / Hung-Wen Su | ENG-26419 | August 12, 1998 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|----------------------------|---------------------------------|--|---------------------------------|------------------------|-------------------------|
| show snmp | Cisco / Robert Snyder | Source Code (show_snmp.trunk_100_nac0_cvs_repo.exec_show_snmp.h.ann) | August 4, 1992 | Cisco IOS 10 | 1993 |
| show snmp chassis | Cisco / Paul Heller | Source Code (show_snmp_chassis.clearcase.main.malibu.1.exec_show_snmp.h.ann) | December 6, 1996 | Cisco IOS 12.4(12)T | June 29, 2007 |
| show snmp community | Cisco / Jeffrey Johnson | BugID CSCdj03428 (CSI-CLI-02046527, CSI-CLI-02046526] | March 12, 1997 | Cisco IOS 12.4(12)T | June 29, 2007 |
| show snmp contact | Cisco / Paul Heller | Source Code (show_snmp_chassis.clearcase.main.malibu.1.exec_show_snmp.h.ann) | December 6, 1996 | Cisco IOS 12.4(12)T | June 29, 2007 |
| show snmp engineID | Cisco / Ramanthan Kavasseri | ENG-28473 rev.B (CSI-CLI-00609071-83); Email (CSI -CLI-00608626-830) | October 19, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| show snmp group | Cisco / Ramanthan Kavasseri | ENG-26165 (CSI -CLI-00609054-62) | August 5, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| show snmp host | Cisco / Ramanthan Kavasseri | ENG-28473 rev.B (CSI-CLI-00609071-83); Email (CSI-CLI-0060826-830) | October 19, 1998 | Cisco IOS 12.4(12)T | June 29, 2007 |
| show snmp location | Cisco / Paul Heller | Source Code (show_snmp_chassis.clearcase.main.malibu.1.exec_show_snmp.h.ann) | December 6, 1996 | Cisco IOS 12.4(12)T | June 29, 2007 |
| show snmp mib | Cisco / Robert Snyder | Source Code (show_snmp.trunk_100_nac0_cvs_repo.exec_show_snmp.h.ann) | July 22, 1993 | Cisco IOS 12.2(2)T | May 25, 2001 |
| show snmp source-interface | Cisco / Gowtham Krishna Bollina | Source Code (snmp.cmd) | December 1, 2008 | NX-OS 4.2(1) | August 10, 2009 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| show snmp trap | Cisco / Rajeeva Narayanaswamy | Source Code (snmp.cmd) | January 24, 2008 | NX-OS 4.0(1) | April 21, 2008 |
| show snmp user | Cisco / Ramanthan Kavasseri | ENG-26165 (CSI -CLI-00609054-62) | August 5, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| show snmp view | Cisco / Anthony Li | Source Code (show_snmp.trunk_100_nac0_cvs_repo.exec_show_snmp.h.ann) | July 4, 1995 | Cisco IOS 12.4(2)T | June 27, 2005 |
| show spanning-tree | Cisco / Kirk Lougheed | Cisco IOS 12.0(1)T | November 2, 1998 | Cisco IOS 12.0(1)T | November 2, 1998 |
| show spanning-tree blockedports | Cisco / Tameen Khan | Source Code (stp.cmd.ann) | December 11, 2006 | NX-OS 4 | April 3, 2008 |
| show spanning-tree bridge | Cisco / Tameen Khan | Source Code (stp.cmd.ann) | December 11, 2006 | NX-OS 4 | April 3, 2008 |
| show spanning-tree interface | Cisco / Marco Di Benedetto | ENG-54492 v. 1 (CSI-CLI-02024349) | February 24, 2000 | NX-OS 4 | April 3, 2008 |
| show spanning-tree mst | Cisco / François Tallet | ENG-103148 v. 8 (CSI -CLI-00609986) | April 10, 2002 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show spanning-tree mst configuration | Cisco / François Tallet | ENG-103148 v. 8 (CSI -CLI-00609986) | April 10, 2002 | NX-OS 4 | April 3, 2008 |
| show spanning-tree mst interface | Cisco / François Tallet | ENG-103148 v. 8 (CSI -CLI-00609986) | April 10, 2002 | NX-OS 4 | April 3, 2008 |
| show spanning-tree root | Cisco / Tameen Khan | Source Code (stp.cmd.ann) | November 2, 2005 | NX-OS 4 | April 3, 2008 |
| show storm-control | Cisco / Wenhui Zhao | Source Code (exec_eswilp_storm_control.h.ann) | July 3, 2001 | Cisco IOS 12.2(2)XT | December 3, 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| show tacacs | Cisco / Laurence Grant | Email (CSI-CLI-00608587) | February 9, 1996 | Cisco IOS 11.2 | October 1996 |
| show track | Cisco / Douglas McClaggen | Source Code (show_track.clearcase.main.flo_isp_pi_g.1.exec_show_track.h.ann) | March 25, 2002 | Cisco IOS 12.2(15)T | March 17, 2003 |
| show user-account | Cisco / Gopala Andagunda | Source Code (security_tree.cmd.ann) | July 16, 2007 | NX-OS 4.0(1) | April 21, 2008 |
| show users | Cisco / Kirk Lougheed | ASM/AGS User Manual v5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| show version | Cisco | Cisco IOS 9 | December 1992 | Cisco IOS 9 | December 1992 |
| show vlan | Cisco / Frederick Scott | ENG-14432 v. 8 (CSI-CLI-00608871-90) | July 25, 1997 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show vlan internal usage | Cisco / Weng Hong Chan | Email (CSI-CLI-00608699-700) | November 13, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show vlan private-vlan | Cisco / Dan Florea | ENG-56211 v. I (CSI-CLI-00609514-35) | January 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| show vlan summary | Cisco / Weng Hong Chan | Email (CSI-CLI-00608699-700) | November 13, 2001 | NX-OS 4 | April 3, 2008 |
| show vrf | Cisco / Luc Revardel | Email (CSI-CLI-00608723-24) | August 31, 2004 | Cisco IOS 12.2(33)SRB | February 28, 2007 |
| show vrrp | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| snmp trap link-status | Cisco / Kenneth Roberts | BugID CSCdi14808 (CSI-CLI-01845663, CSI -CLI-02024260) | November 11, 1993 | Cisco IOS 10 | 1993 |
| snmp-server chassis-id | Cisco / Carl Schaefer | Source Code (snmp-server_view.trunk_102_nac1_alabama_cvs_repo.cfg_snmp.h.ann) | February 28, 1993 | Cisco IOS 10 | 1993 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|------------------------------|-------------------------------|---|---------------------------------|------------------------|---------------------------|
| snmp-server community | Cisco / Greg Satz | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| snmp-server contact | Cisco / Robert Widmer | Source Code (snmp-server_view.trunk_102_nac1_alabama_cvs_repo.cfg_snmp.h.ann) | June 14, 1992 | Cisco IOS 10 | 1993 |
| snmp-server enable traps | Cisco / Chifei W. Cheng | BugID CSCdi27173 (CSI-CLI-01845665-66) | November 29, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| snmp-server engineID local | Cisco / Ramanthan Kavasseri | ENG-28473 rev.B (CSI-CLI-00609071-83); Email (CSI-CLI-0060826-830) | October 19, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| snmp-server engineID remote | Cisco / Ramanthan Kavasseri | ENG-28473 rev.B (CSI-CLI-00609071-83) ; Email (CSI-CLI-0060826-830) | October 19, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| snmp-server group | Cisco / Ramanthan Kavasseri | Source Code (cfg_snmp.h.ann.v120t_3_pi) | November 3, 1998 | Cisco IOS 11.(3)T | December 15, 1997 |
| snmp-server host | Cisco / Greg Satz | Gateway Server Update (CSI-CL-00349132) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| snmp-server location | Cisco / Robert Widmer | Source Code (snmp-server_view.trunk_102_nac1_alabama_cvs_repo.cfg_snmp.h.ann) | June 14, 1992 | Cisco IOS 10 | 1993 |
| snmp-server source-interface | Cisco / Bruce Pinsky | Email (CSI-CLI-00796650) | August 3, 2004 | Cisco IOS 12.2(18)SXB2 | March 2004-September 2006 |
| snmp-server user | Cisco / Ramanthan. Kavasseri | ENG-26165 (CSI-CLI-00609054-62) | August 5, 1998 | Cisco IOS 12.0(3)T | January 21, 1999 |
| snmp-server view | Cisco / Kenneth Roberts | Source Code (snmp-server_view.trunk_102_nac1_alabama_cvs_repo.cfg_snmp.h.ann) | August 8, 1994 | Cisco IOS 10 | 1993 |
| spanning-tree bpdupfilter | Cisco / François Tallet | ENG-103148 v. 6 (CSI -CLI-00609871-93) | October 31, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|--|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| spanning-tree bpduguard | Cisco / François Tallet | ENG-103148 v. 6 (CSI -CLI-00609871-93) | October 31, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree bridge assurance | Cisco / Patnala Rao | Source Code (cfg_stp.h.ann) | October 16, 2007 | Cisco IOS 12.2(33)SXI | November 11, 2008 |
| spanning-tree cost | Cisco / Bill Rainey | Source Code (spanning-tree_cost.clearcase.main.cosmos.1.cfg_int_stp_switch.h.ann) | January 4, 1999 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| spanning-tree guard | Cisco / Christian Benvenuti | ENG-103148 v. 1 (CSI -CLI-00609609-24) | May 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree link-type | Cisco / François Tallet | ENG-103148 v. 3 (CSI -CLI-00609728-51) | September 4, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree loopguard default | Cisco / François Tallet | Email (CSI-CLI-00608697-98) | September 26, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree mode | Cisco / Bill Rainey | ENG-56419 (CSI-CLI-00609429-59) | July 17, 2000 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree mst configuration | Cisco / François Tallet | Email (CSI-CLI-00608690-92) | July 23, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree portfast bpdupfilter default | Cisco / François Tallet | ENG-103148 v. 6 (CSI -CLI-00609871-93) | October 31, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree portfast bpduguard default | Cisco / François Tallet | ENG-103148 v. 6 (CSI -CLI-00609871-93) | October 31, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| spanning-tree port-priority | Cisco / Bill Rainey | Source Code (spanning-tree_cost.clearcase.main.cosmos.1.cfg_int_stp_switch.h.ann) | January 4, 1999 | Cisco IOS 12.0(7)XE | December 27, 1999 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| spanning-tree transmit hold-count | Cisco / François Tallet | Email (CSI-CLI-00608730-32) | February 18, 2005 | Cisco IOS 12.2(18)SXF | September 12, 2005 |
| spanning-tree vlan | Cisco / Bill Rainey | Source Code (spanning-tree_vlan.clearcase.main.cosmos.1.cfg_stp_switch.h.ann) | January 4, 1999 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| spf-interval | Cisco / David Katz | Source Code (spf-interval.trunk_102_nac1_alabama_cvs_repo.cfg_route_r_isis.h.ann) | November 23, 1994 | Cisco IOS 10.3 | April 13, 1995 |
| statistics per-entry | Cisco / Rituparna Agrawal | Source Code (aclmgr.cmd.403.ann) | April 29, 2005 | NX-OS 4.0(1) | April 21, 2008 |
| storm-control | Cisco / Eleza Cheng | Email (CSI-CLI-00608688-89) | July 18, 2001 | Cisco IOS 12.2(2)XT | December 3, 2001 |
| switchport access vlan | Cisco / Frederick Scott | ENG-14432 v. 11 (CSI-CLI-00608970-08) | April 13, 1998 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| switchport backup interface | Cisco / Adam Sweeney | Email (CSI-CLI-00608716-19) | April 7, 2004 | Cisco IOS 12.2(18)SXF | September 12, 2005 |
| switchport mode | Cisco / Rick Pratt | Email (CSI-CLI-000608597-617) | May 11, 1998 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| switchport port-security | Cisco / Jimit Mehta | Email (CSI-CLI-00608693-95) | August 9, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| switchport port-security maximum | Cisco / Jimit Mehta | Email (CSI-CLI-00608693-95) | August 9, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| switchport private-vlan mapping | Cisco / Dan Florea | ENG-56211 v. I (CSI-CLI-00609514-35) | January 16, 2001 | Cisco IOS 12.2(14)SX | April 14, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-------------------------------|-------------------------------|---|---------------------------------|------------------------|-------------------------|
| switchport trunk allowed vlan | Cisco / Frederick Scott | ENG-14432 v. 11 (CSI-CLI-00608970-08) | April 13, 1998 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| switchport trunk native vlan | Cisco / Frederick Scott | ENG-14432 v. 11 (CSI-CLI-00608970-08) | April 13, 1998 | Cisco IOS 12.0(7)XE | December 27, 1999 |
| switchport vlan mapping | Cisco / Pan Chun Wen | Email (CSI-CLI-00608705-06) | February 6, 2003 | Cisco IOS 12.2(17b)SXA | December 31, 2003 |
| tacacs-server host | Cisco / Greg Satz | Terminal Server Update (CSI-CLI 00349229) | April 24, 1989 | Release 7.0/7.1 | April 24, 1989 |
| tacacs-server key | Cisco / David Hampton | Source Code (cfg_tacacs_plus.h.ann) | February 1, 1996 | Cisco IOS 11.1 | March 1996 |
| tacacs-server timeout | Cisco / Greg Satz | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Release 7.0/7.1 | April 24, 1989 |
| terminal length | Cisco / Kirk Lougheed | ASM/AGS User Manual v5.2 (CSI-CLI 01315490) | July 20, 1986 | ASM/AGS 5.2 | July 20, 1986 |
| terminal monitor | Cisco / Greg Satz | Gateway Server Reference Manual Rev. B (CSI-CLI-00358722) | January 10, 1988 | Release 8.0 | September 14, 1989 |
| timers basic (RIP) | Cisco / Kirk Lougheed | Release 8.0 Beta Notes (CSI-CLI 01139238) | September 14, 1989 | Release 8.0 | September 14, 1989 |
| timers bgp | Cisco / Kirk Lougheed | Cisco IOS 10 | 1993 | Cisco IOS 10 | 1993 |
| timers lsa arrival | Cisco / Pratapa Pellakaru | BugID CSCdt21415 (CSI-CLI-01845686) | December 11, 2002 | Cisco IOS 12.0(24)S | August 26, 2003 |
| timers throttle lsa all | Cisco / Pratapa Pellakaru | BugID CSCdt21415 (CSI-CLI-01845686) | December 11, 2002 | Cisco IOS 12.0(24)S | August 26, 2003 |
| timers throttle spf | Cisco / George Millard | Source Code (cfg_router_timers_ospf.h.ann) | March 27, 2002 | Cisco IOS 12.2(14)S | January 30, 2003 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|---------------------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| username sshkey | Cisco / Nataraj Bacthu | Source Code (security_tree.cmd.ann) | April 29, 2005 | NX-OS 4.1(2) | December 18, 2008 |
| vlan internal allocation policy | Cisco / Weng Hong Chan | Email (CSI-CLI-00608704) | June 26, 2002 | Cisco IOS 12.2(14)SX | April 14, 2003 |
| vrf definition | Cisco / Luc Revardel | Email (CSI-CLI-00608723-24) | August 31, 2004 | Cisco IOS 12.2(33)SRB | February 28, 2007 |
| vrf forwarding | Cisco / Luc Revardel | Email (CSI-CLI-00608723-24) | August 31, 2004 | Cisco IOS 12.2(33)SRB | February 28, 2007 |
| vrrp authentication | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp delay reload | Cisco / Dougal Stanton | Bug ID CSCsg26622 (CSI-CLI-01339810-925, CS-CLI-01339853-54) | July 8, 2009 | Cisco IOS XE 2.6 | February 26, 2010 |
| vrrp description | Cisco / Graham Critchfield | BugID CSCuk24882 (CSI -CLI-01339834, CSI -CLI-01339858) | June 4, 2001 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp ip | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp ip secondary | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp preempt | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp priority | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |

| Command Expression | Author/Originator Information | Earliest Known Document | Date of Earliest Known Document | First Operating System | First Distribution Date |
|-----------------------|-------------------------------|--|---------------------------------|------------------------|-------------------------|
| vrrp shutdown | Cisco / Colin Docherty | Source code (cfg_int_vrrp.h.ann) , BugID CSCeb28118 (CSI-CLI-01339851, CSI-CLI-01339805) | March 5, 2004 | Cisco IOS 12.3(11)T | September 20, 2004 |
| vrrp timers advertise | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.0(18)ST | June 4, 2001 |
| vrrp track | Cisco / Graham Critchfield | ENG-67758 v1 (CSI-CLI-00609406-428) | June 9, 2000 | Cisco IOS 12.3(2)T | July 28, 2003 |